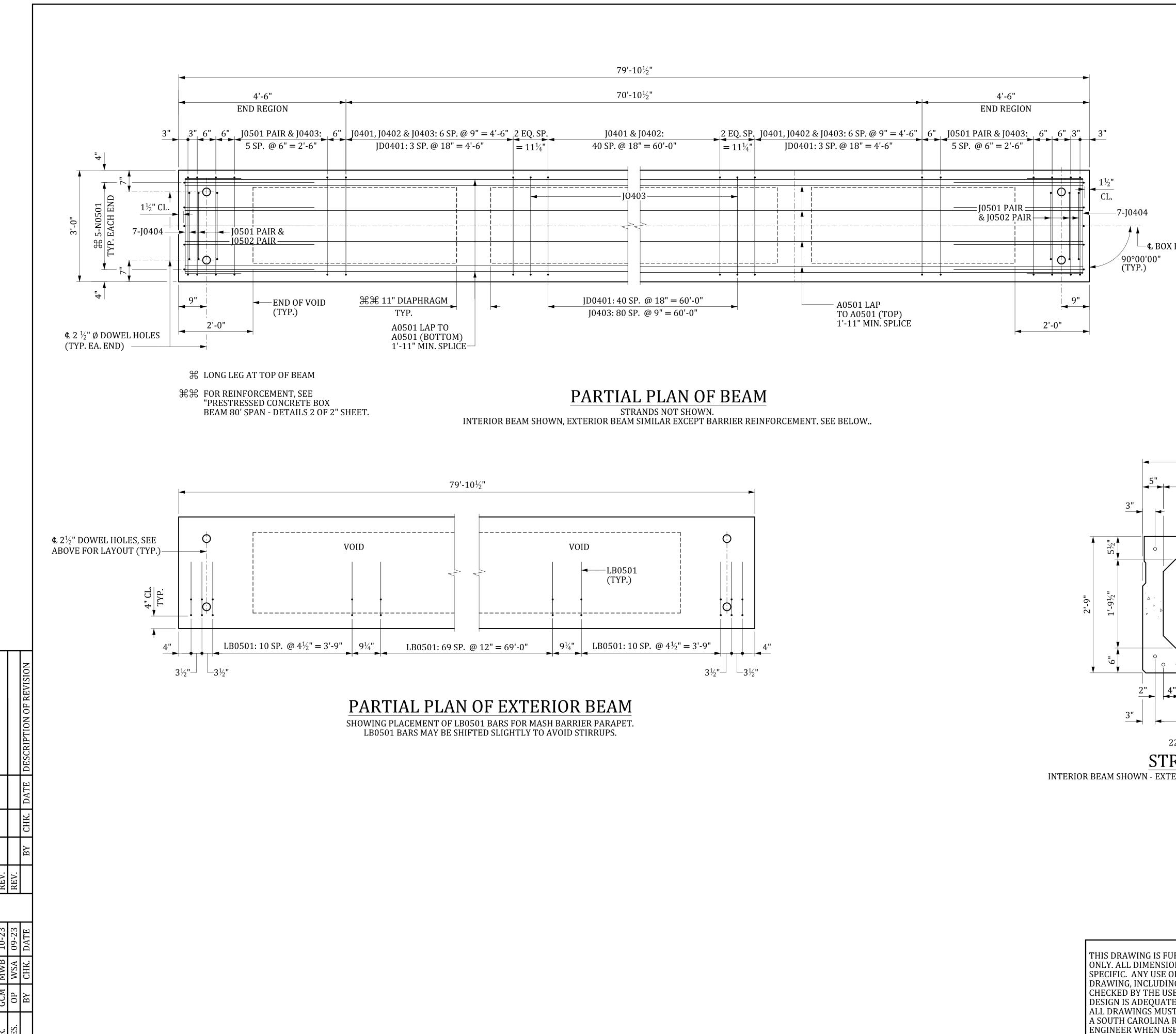


| S. OP WSA | REVIEWED | |
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| | CONSULTANT NAME/LOGO |
| THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL | SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS 1 OF 2 (-15° SKEW) |
| ENGINEER WHEN USED. | COUNTY: #### ROUTE: #### |

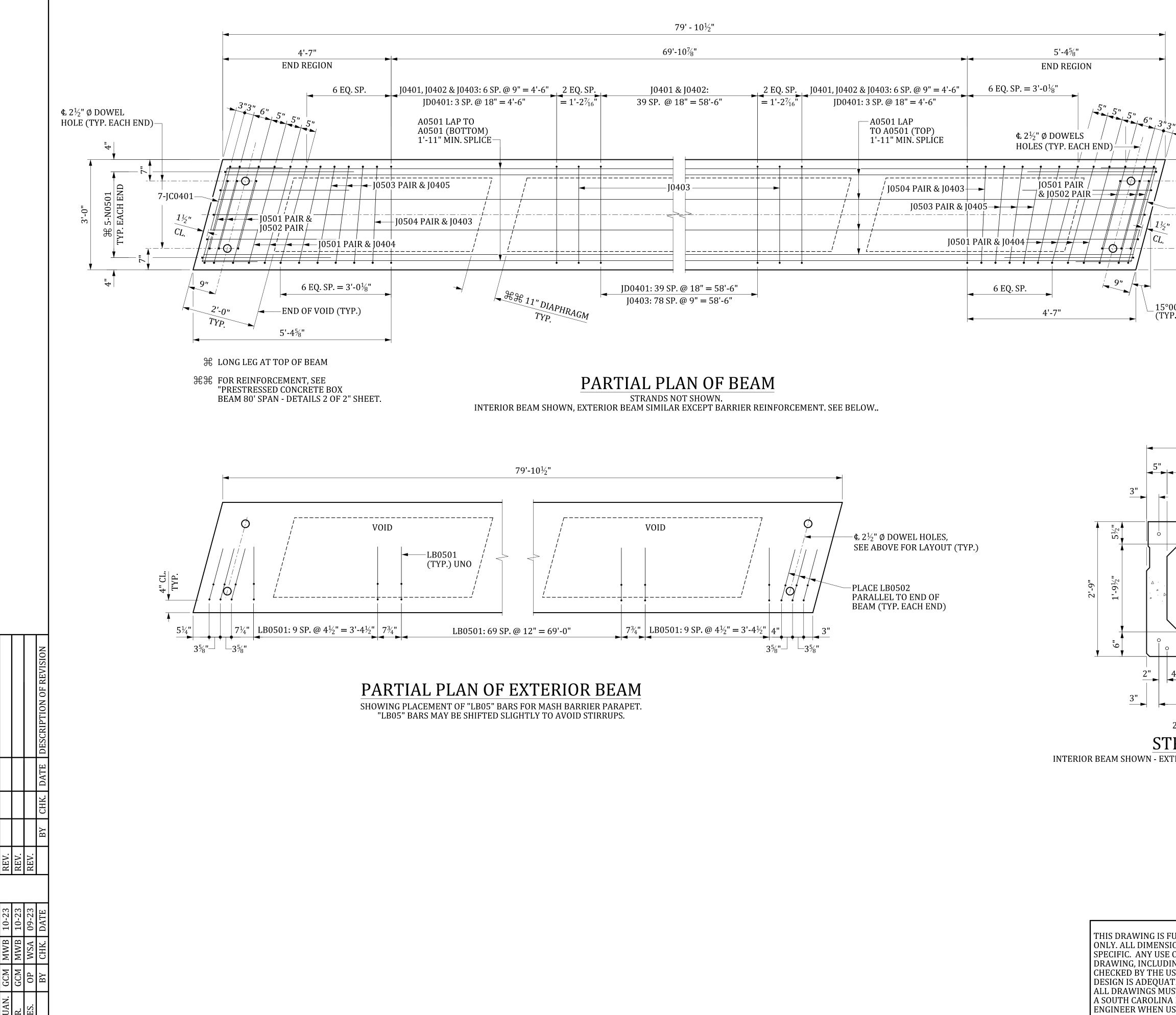
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| ENGINEER WHEN US |
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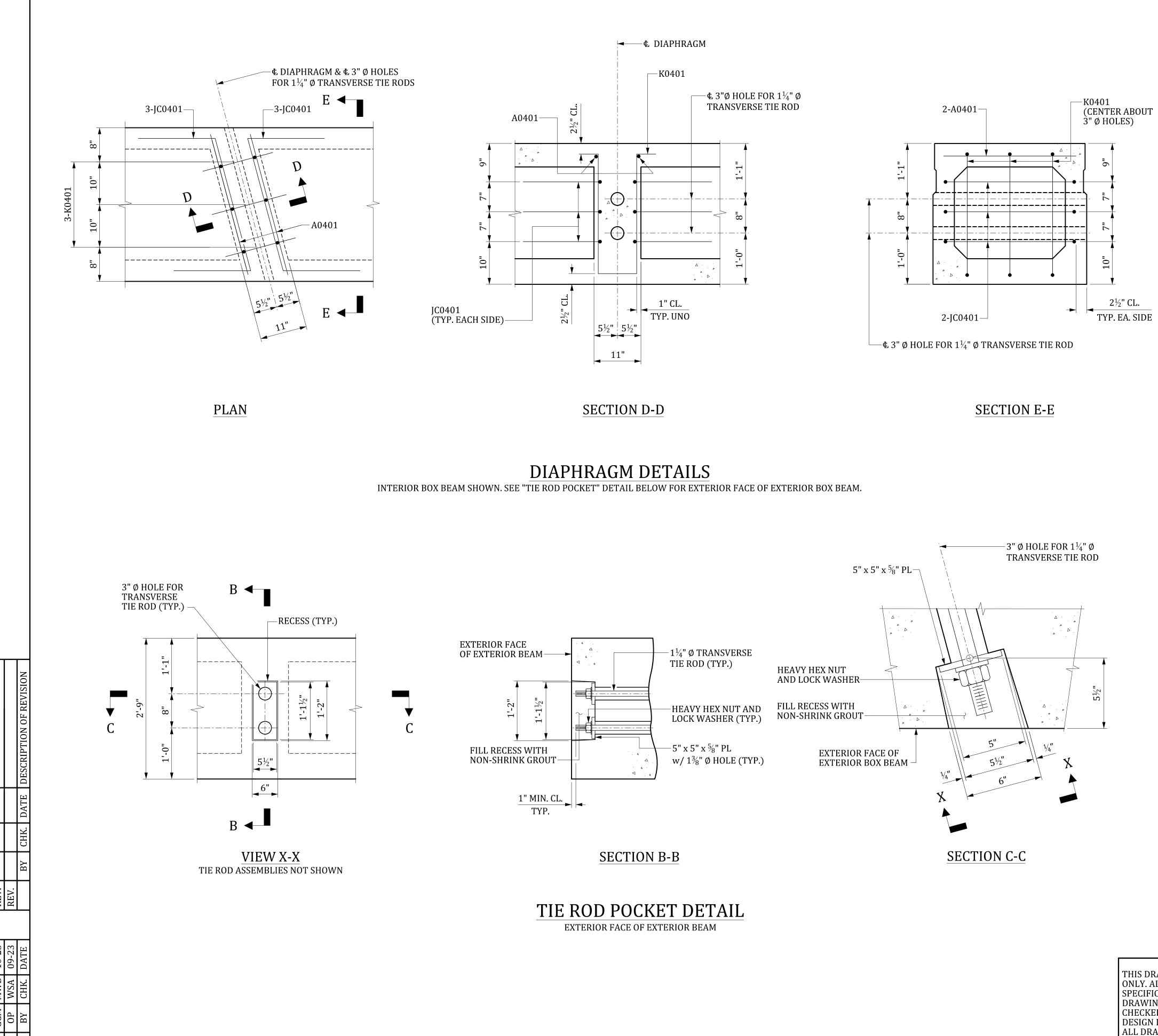
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| 3'-0" | | |
| 2'-2" 5" | | |
| 3" | | |
| | | |
| | DESIGN DATA | |
| | STRANDS: 0.6"Ø LOW RELAX. GRADE 270 | |
| | AREA=0.217 SQ. IN. TENSIONING LOAD = 43.9 KIPS | |
| 2-2 | CONCRETE: | |
| | $\begin{array}{c} f'c = 7.0 \text{ KSI} \\ f'ci = 5.0 \text{ KSI} \end{array}$ | |
| | • FULLY BONDED STRANDS | |
| | DEBONDED STRANDS FOR AL OF EDOM END OF DEAM | |
| 9 SPACES @ 2" 4" 2" N | 4'-0" FROM END OF BEAM | |
| | 10'-0" FROM END OF BEAM | |
| 2'-6" | NOTE: BOND SHALL BE BROKEN ON | |
| 2 - 0.6" Ø L.R. STRANDS | STRANDS AS SHOWN FOR THE SPECIFIED LENGTH FROM EACH | |
| RAND LAYOUT | END OF THE BOX BEAM. SEE NOTES ON "PRESTRESSED | |
| RIOR BEAM SIMILAR EXCEPT SHEAR KEY LOCA | ATION. CONCRETE BOX BEAM TYPICAL SUPERSTRUCTURE SECTION" SHEET. | |
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| | CONSULTANT NAME/LOGO | |
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| NS SHOWN ARE SHEET DEPA | ARTMENT OF TRANSPORTATION | |
| G DIMENSIONS, MUST BE ER'S ENGINEER TO ENSURE PRESTR | ESSED CONCRETE BOX BI | EAM |
| BE SIGNED AND SEALED BY |)' SPAN - DETAILS 1 OF 2 | |
| REGISTERED PROFESSIONAL ED. | (0° SKEW) | |
| COUNTY: #### | ROUTE: #### | |

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| Image: strange | END) 7 - JC0401 $1^{3/2}$ CL. 9^{n} $15^{\circ}00'00''$ | |
| THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED. | 2'-2" 3" 3" 2'-2" 5" 2'-2" 5" 5" 2'-2" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5 | Image: Strands: 0.6"Ø LOW RELAX. GRADE 270 AREA=0.217 SQ. IN. TENSIONING LOAD = 43.9 KIPS CONCRETE: fc = 7.0 KSI fc = 5.0 KSI fc = 5.0 KSI • FULLY BONDED STRANDS Image: Strands of the stra |
| THIS DRAWING IS FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. ANY USE OF THIS DESIGN AND DRAWING, INCLUDING DIMENSIONS, MUST BE CHECKED BY THE USER'S ENGINEER TO ENSURE DESIGN IS ADEQUATE FOR THE INTENDED USE. ALL DRAWINGS MUST BE SIGNED AND SEALED BY A SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER WHEN USED. | | CONSULTANT NAME/LOGO |
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DRAWING NUMBER: 704-ABB.S080.SK015.D01



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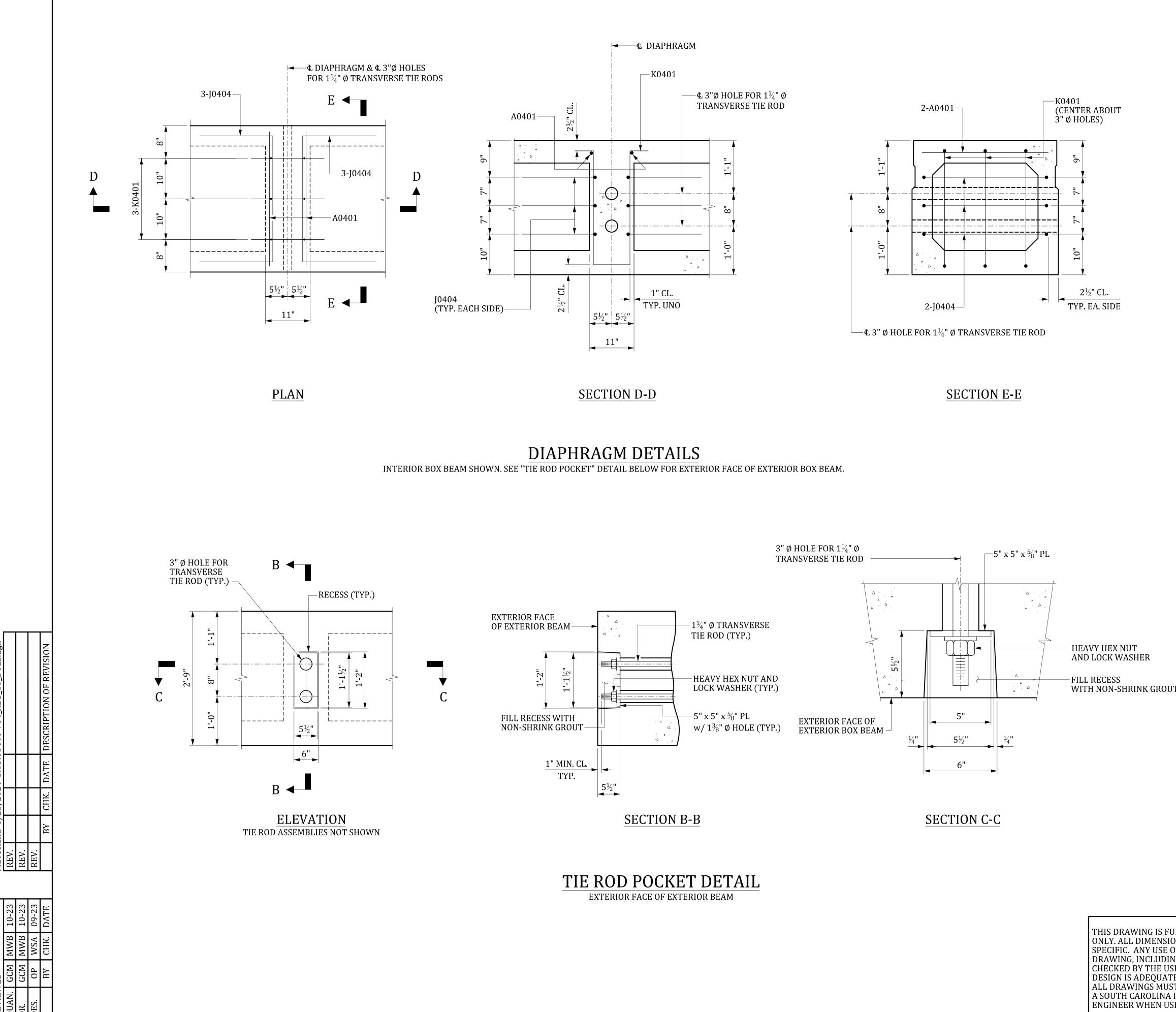
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| | COUNTY: ####ROUTE: ####DRAWING NUMBER: 704-ABB.S080.SK-15.D02 |

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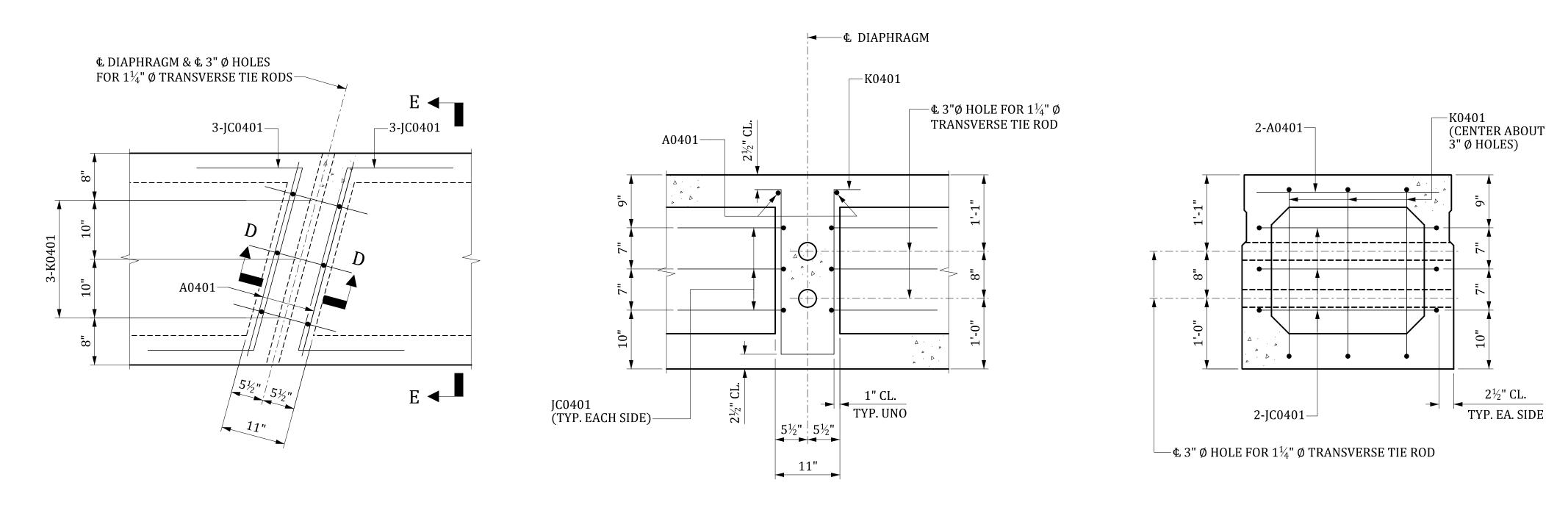
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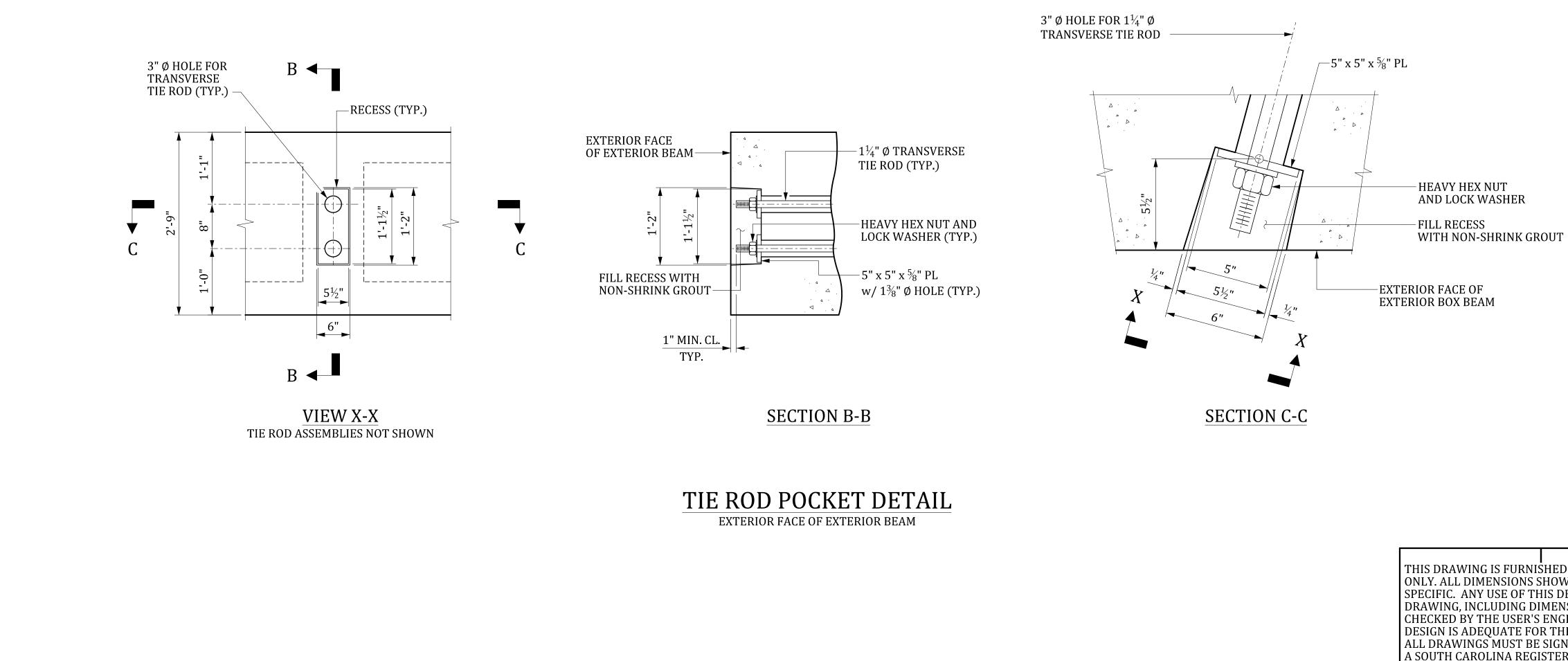
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SECTION D-D

SECTION E-E

DIAPHRAGM DETAILS

INTERIOR BOX BEAM SHOWN. SEE "TIE ROD POCKET" DETAIL BELOW FOR EXTERIOR FACE OF EXTERIOR BOX BEAM.

A SOUTH CAROLINA ENGINEER WHEN US

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